

INTERNATIONAL SEARCH REPORT

International Application No	PCT/US2004/015206
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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT
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Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	V. PAXSON, M. ALLMAN: "Computing TCP's Retransmission Timer" RFC 2988, 'Online' November 2000 (2000-11), pages 1-6, XP002304318 INTERNET RFC ARCHIVES Retrieved from the Internet: URL: http://www.faqs.org/rfcs/rfc2988.html > 'retrieved on 2004-11-04! the whole document -----	1-49
Y	P. KARN, C. PARTRIDGE: "Improving Round-Trip Time Estimates in Reliable Transport Protocols" PROCEEDINGS OF SIGCOMM '87, vol. 17, no. 5, October 1987 (1987-10), pages 1-9, XP002304319 the whole document -----	1-49
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C	<input checked="" type="checkbox"/> Patent family members are listed in annex
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* Special categories of cited documents

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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8 November 2004	16/11/2004
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Name and mailing address of the ISA	Authorized officer
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European Patent Office, P B 5818 Patentlaan 2 NL - 2260 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl Fax (+31-70) 340-3016	Vaskimo, K
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PCT/US2004/015206

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 5 943 480 A (NEIDHARDT ARNOLD L) 24 August 1999 (1999-08-24) column 1, line 7 – column 5, line 44 column 7, line 31 – column 8, line 67 column 9, line 27 – line 37 claims 1,4 ----- HELEN CHEN, JIM HUTCHINS, JIM BRANDT: "Evaluation of DEC's Gigaswitch for distributed parallel computing" SAND93-8013B, December 1993 (1993-12), pages 1-29, XP002304320 page 10, paragraph III – page 12 -----	1-49
A	MARK ALLMAN, JIM GRINER, ALAN RICHARD: "TCP Behaviour in Networks with Dynamic Propagation Delay" PROCEEDINGS OF IEEE GLOBECOM 2000, 2000, pages 1-6, XP002304321 the whole document -----	1-49
A	STEVEN BAKKER, MICHAEL H. BEHRINGER: "A Guide to Acceptance Testing" DIP – NO.24, 'Online! 13 May 1996 (1996-05-13), pages 1-8, XP002304322 Retrieved from the Internet: URL: http://archive.dante.net/pubs/dip/24/24.html > 'retrieved on 2004-11-04! the whole document -----	1-49
P, A	ANON: "End-to-end performance" RESEARCH REPORT 2003, 'Online! 2003, pages 1-12, XP002304323 Retrieved from the Internet: URL: http://www.ces.net/doc/2003/research/qos.html > 'retrieved on 2004-11-04! page 1, paragraph 11.2.1 – page 3, paragraph 11.2.2 -----	1-49

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/015206

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5943480	A 24-08-1999	NONE	